

REMARKS

Applicants respectfully request reconsideration of the application as amended. Claims 1 and 23 have been amended without introducing new matter. No claims have been added or canceled in the current response. Claims 1-11 and 23-25 remain pending.

Applicants have amended the Specification to update the information of the related U.S. Patent Application referenced in paragraph [0025]. No new matter has been introduced. Applicants respectfully request entry of the amendment.

Examiner rejected claims 1-11 and 23-25 under 35 U.S.C. §102(b) as being anticipated by Narad (US 5,284,503). Applicants respectfully traverse the rejections.

Independent claim 1 as amended recites “determining a select number of registers to be modified in the plurality of registers by a second instruction, whose execution is ***conditional upon the results of the execution of the dependency-producing instruction.***” (Independent claim 1, emphasis added). In contrast, Narad fails to disclose at least the above limitations.

According to Narad, altering a single bit within a multiple bit register without affecting the remaining bits by executing a read-modify-write operation (Narad, col. 1, ln. 30-46). Narad does not disclose or suggest a dependency-producing instruction and a second instruction, whose execution is conditional upon the results of the execution of the dependency-producing instruction. Therefore, claim 1 is not anticipated by Narad for at least this reason. Withdrawal of the rejection is respectfully requested.

For at least the reason discussed above with respect to claim 1, independent claim 23 as amended is not anticipated by Narad. Withdrawal of the rejection is respectfully requested.

Claims 2-11 and 24-25 depend, directly or indirectly, from claims 1 and 23, respectively. Thus, having additional limitations, claims 2-11 and 24-25 are not anticipated by Narad for at least the reason discussed above with respect to claims 1 and 23. Withdrawal of the rejection is respectfully requested.

Examiner rejected claims 1 and 23 under 35 U.S.C. §102(b) as being anticipated by Bluhm (US 5,937,178). Applicants respectfully traverse the rejections.

Independent claim 1 as amended recites “determining a select number of registers to be modified in the plurality of registers by a second instruction, whose execution is ***conditional upon the results of the execution of the dependency-producing instruction.***” (Independent claim 1, emphasis added). In contrast, Bluhm fails to disclose at least the above limitations.

Bluhm discloses a MOV CH, DL instruction. After the EX_X execution unit 23X returns the resulting 8-bit operand CH to R/W_x latch 108X on write back bus wb_x. The latch 108X also receives the 32 bits of physical register 2 (which included destination register CH) latched in WB_x pipe 106X. R/W_x latch 108X overwrites bits 8-15 of the physical register 2, i.e., the bits corresponding to destination register CH, with the resulting 8-bit operand from the execution unit. (Bluhm, col. 7, ln.26-50). Bluhm does not disclose or suggest that the execution of the instruction MOV CH, DL is conditional upon the results of the execution of a dependency-producing instruction. Therefore, Bluhm fails to anticipate claim 1 as amended for at least this reason. Withdrawal of the rejection is respectfully requested.

Claim 23 as amended is not anticipated by Bluhm for at least the reason discussed above with respect to claim 1. Applicants respectfully request withdrawal of the rejection.

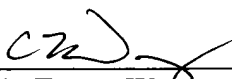
Applicants respectfully submit the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call C. Teresa Wong at (408) 720-8300.

Pursuant to 37 C.F.R. 1.136(a)(3), Applicant hereby requests and authorizes the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

Respectfully submitted,

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